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**MAY 01 2006****ATTORNEY DOCKET NO. 10031241-1**

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Inventor(s):** Heumann et al.**Serial No.:** 10/797,993**Examiner:** Ho, Allen C**Filing Date:** March 11, 2004**Group Art Unit:** 2882**Title:** METHOD AND APPARATUS FOR CALIBRATION OF INDIRECT MEASUREMENT SYSTEMS

**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria VA 22313-1450**

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT****Sir:**

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Non-Fee Amendments")  
☐ Other: \_\_\_\_\_ (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	43	MINUS	43	= 0	X 18	\$ 0.00
INDEP. CLAIMS	8	MINUS	8	= 0	X 86	\$ 0.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 290	\$ 0.00
EXTENSION FEE	1 <sup>ST</sup> MONTH 110.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 420.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 950.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1480.00 <input type="checkbox"/>		\$ 0.00
OTHER FEES						\$ 0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0.00

Charge \$0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,  
Heumann et al.

I hereby certify that this is paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: May 1, 2006

Typed Name: Jessica Costa

Signature: Jessica Costa

By

Jessica Costa  
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Date: May 1, 2006

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MAY 01 2006

US Patent Application Serial No. 10/797,993  
Amendment Dated 5/1/2006

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

PATENT APPLICATION:  
Serial No. 10/797,993

ORIGINALLY FILED:  
March 11, 2004

FOR:  
METHOD AND APPARATUS FOR  
CALIBRATION OF INDIRECT  
MEASUREMENT SYSTEMS

INVENTOR: Heumann et al.

GROUP ART UNIT: 2882

EXAMINER: Ho, Allen C

DOCKET NUMBER: 10031241-1

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed February 1, 2006, please amend the above-identified patent application and consider the remarks as follows:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 15 of this paper.

Docket No. 10031241-1  
JJC 4050-056